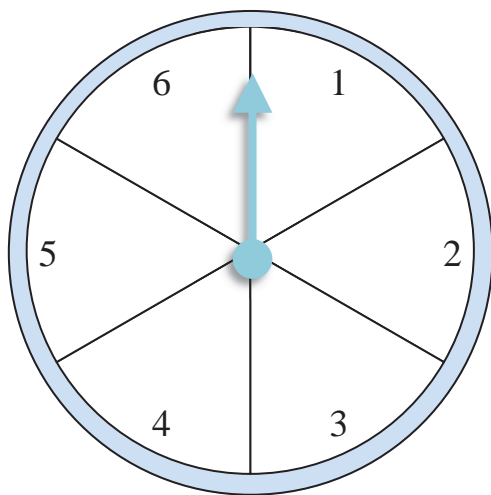




Use the spinner below to determine if each statement is 'true' or 'false'.



- 1) It is impossible for the spinner to land on an odd number.
- 2) The spinner will certainly land on a whole number less than 7.
- 3) The spinner is certain to land on an even or an odd number.
- 4) The spinner will certainly land on a whole number greater than 10.
- 5) It is certain the spinner will land on a whole number larger than 0.
- 6) It is impossible for the spinner to land on a whole number larger than 6.
- 7) It is certain the spinner will land on 5.

Use 'certain', 'impossible' or 'equally likely' to determine the probability of the event occurring.

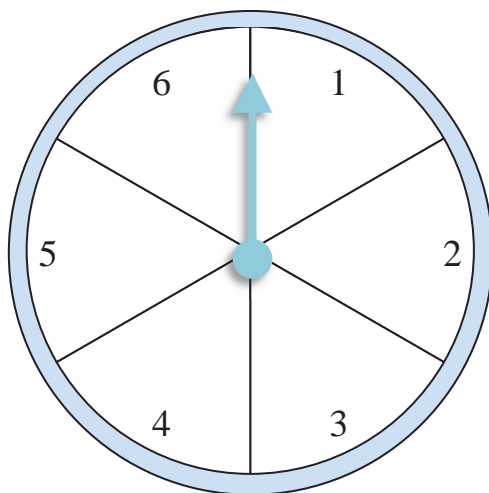
- 8) Evan had 6 red pencils and 5 green pencils. If he grabs one at random what is the probability he will grab either a red or green pencil?
- 9) If you had a fair number cube with sides from 1 to 6, what is the probability of rolling a 9?
- 10) Bill had 8 pieces of chocolate candy and 8 pieces of caramel. If he picks one at random, what is the probability he will pick a chocolate piece?
- 11) Zoe had 2 comedy movies and 2 action movies. If she picks one at random, what is the probability she will pick a comedy?
- 12) Zoe had 9 comedy books and 9 sci-fi books. If she picks one to read without looking what is the probability she will select a comedy book?
- 13) Larry had 8 white shirts and 8 black shirts. If he picks one without looking, what is the probability he will pick either a white or black shirt?
- 14) A donut shop had 10 glazed donuts and 9 chocolate donuts. If Gwen picks one at random what is the probability of her selecting a powdered donut?
- 15) Henry had 6 red pens and 6 blue pins. If he picks one at random, what is the probability he will pick a red pen?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____



Use the spinner below to determine if each statement is 'true' or 'false'.



- 1) It is impossible for the spinner to land on an odd number.
- 2) The spinner will certainly land on a whole number less than 7.
- 3) The spinner is certain to land on an even or an odd number.
- 4) The spinner will certainly land on a whole number greater than 10.
- 5) It is certain the spinner will land on a whole number larger than 0.
- 6) It is impossible for the spinner to land on a whole number larger than 6.
- 7) It is certain the spinner will land on 5.

Use 'certain', 'impossible' or 'equally likely' to determine the probability of the event occurring.

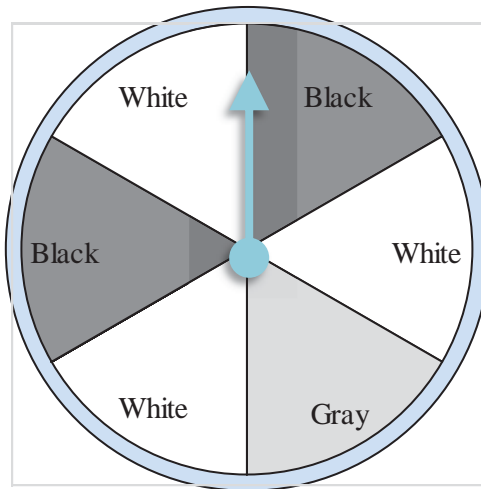
- 8) Evan had 6 red pencils and 5 green pencils. If he grabs one at random what is the probability he will grab either a red or green pencil?
- 9) If you had a fair number cube with sides from 1 to 6, what is the probability of rolling a 9?
- 10) Bill had 8 pieces of chocolate candy and 8 pieces of caramel. If he picks one at random, what is the probability he will pick a chocolate piece?
- 11) Zoe had 2 comedy movies and 2 action movies. If she picks one at random, what is the probability she will pick a comedy?
- 12) Zoe had 9 comedy books and 9 sci-fi books. If she picks one to read without looking what is the probability she will select a comedy book?
- 13) Larry had 8 white shirts and 8 black shirts. If he picks one without looking, what is the probability he will pick either a white or black shirt?
- 14) A donut shop had 10 glazed donuts and 9 chocolate donuts. If Gwen picks one at random what is the probability of her selecting a powdered donut?
- 15) Henry had 6 red pens and 6 blue pins. If he picks one at random, what is the probability he will pick a red pen?

Answers

1. **False**
2. **True**
3. **True**
4. **False**
5. **True**
6. **True**
7. **False**
8. **Certain**
9. **Impossible**
10. **Equally Likely**
11. **Equally Likely**
12. **Equally Likely**
13. **Certain**
14. **Impossible**
15. **Equally Likely**



Use the spinner below to determine if each statement is ‘true’ or ‘false’.



- 1) The spinner will certainly land on a white section.
- 2) It is certain the spinner will land on either a gray or a white section.
- 3) It is impossible for the spinner to land on a red section.
- 4) It is equally likely for the spinner to land on either a black or a white section.
- 5) The spinner is certain to land on either a black, white or gray section.
- 6) It is equally likely for the spinner to land on either a gray or a black section.
- 7) It is equally likely for the spinner to land on either a gray or a black section.

Use ‘certain’, ‘impossible’ or ‘equally likely’ to determine the probability of the event occurring.

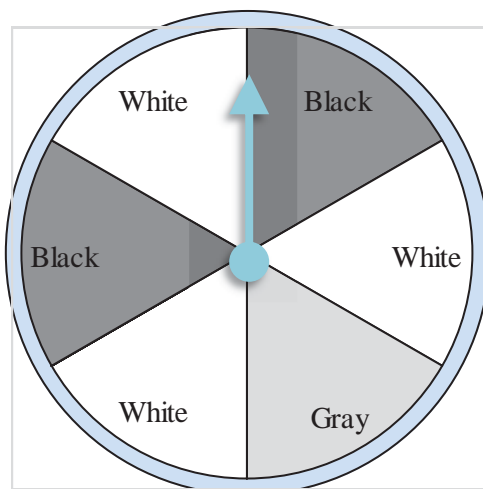
- 8) Chloe had 9 country songs and 5 pop songs on her MP3 player. If she plays a song without looking which one she picks what is the probability she will play a
- 9) Roger had 8 red pens and 8 blue pins. If he picks one at random, what is the probability he will pick a red pen?
- 10) Sarah had 7 large stickers 7 small stickers. If she picks one without looking, what is the probability she will pick a medium sized sticker?
- 11) A donut shop had 8 glazed donuts and 5 chocolate donuts. If Faye picks one at random what is the probability of her selecting a powdered donut?
- 12) Bill had 9 spoons and 2 forks in his silverware drawer. If he grabs one without looking, what is the probability he will grab either a spoon or a fork?
- 13) Henry had 10 cans of grape soda and 10 cans of orange soda. If he picks one at random, what is the probability he will pick a lime soda?
- 14) Isabel had 3 comedy books and 3 sci-fi books. If she picks one to read without looking what is the probability she will select a comedy book?
- 15) Paul had 7 white shirts and 7 black shirts. If he picks one without looking, what is the probability he will pick either a white or black shirt?

Answers

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 8. _____
- 9. _____
- 10. _____
- 11. _____
- 12. _____
- 13. _____
- 14. _____
- 15. _____



Use the spinner below to determine if each statement is 'true' or 'false'.



- 1) The spinner will certainly land on a white section.
- 2) It is certain the spinner will land on either a gray or a white section.
- 3) It is impossible for the spinner to land on a red section.
- 4) It is equally likely for the spinner to land on either a black or a white section.
- 5) The spinner is certain to land on either a black, white or gray section.
- 6) It is equally likely for the spinner to land on either a gray or a black section.
- 7) It is equally likely for the spinner to land on either a gray or a black section.

Use 'certain', 'impossible' or 'equally likely' to determine the probability of the event occurring.

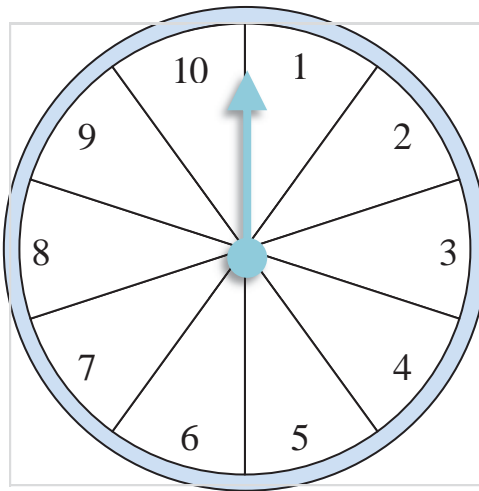
- 8) Chloe had 9 country songs and 5 pop songs on her MP3 player. If she plays a song without looking which one she picks what is the probability she will play a classical song?
- 9) Roger had 8 red pens and 8 blue pins. If he picks one at random, what is the probability he will pick a red pen?
- 10) Sarah had 7 large stickers 7 small stickers. If she picks one without looking, what is the probability she will pick a medium sized sticker?
- 11) A donut shop had 8 glazed donuts and 5 chocolate donuts. If Faye picks one at random what is the probability of her selecting a powdered donut?
- 12) Bill had 9 spoons and 2 forks in his silverware drawer. If he grabs one without looking, what is the probability he will grab either a spoon or a fork?
- 13) Henry had 10 cans of grape soda and 10 cans of orange soda. If he picks one at random, what is the probability he will pick a lime soda?
- 14) Isabel had 3 comedy books and 3 sci-fi books. If she picks one to read without looking what is the probability she will select a comedy book?
- 15) Paul had 7 white shirts and 7 black shirts. If he picks one without looking, what is the probability he will pick either a white or black shirt?

Answers

1. **False**
2. **False**
3. **True**
4. **False**
5. **True**
6. **False**
7. **False**
8. **Impossible**
9. **Equally Likely**
10. **Impossible**
11. **Impossible**
12. **Certain**
13. **Impossible**
14. **Equally Likely**
15. **Certain**



Use the spinner below to determine if each statement is 'true' or 'false'.



- 1) It is certain the spinner will land on an odd number.
- 2) It is certain the spinner will land on 2.
- 3) It is equally likely for the spinner to land on an even or an odd number.
- 4) It is impossible for the spinner to land on a whole number less than 11.
- 5) The spinner is certain to land on an even or an odd number.
- 6) It is impossible for the spinner to land on an odd number.
- 7) The spinner will certainly land on a whole number less than 11.

Use 'certain', 'impossible' or 'equally likely' to determine the probability of the event occurring.

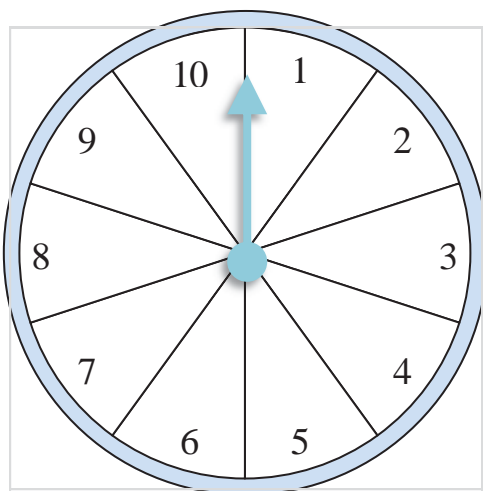
- 8) Olivia had 4 country songs and 2 pop songs on her MP3 player. If she plays a song without looking which one she picks what is the probability she will play a
- 9) If you had a fair number cube with sides from 1 to 6, what is the probability of rolling a number higher than 0?
- 10) If you had a fair number cube with sides from 1 to 6, what is the probability of rolling an even number?
- 11) Bill and his friend were playing 'Rock, Paper, Scissor'. What is the probability Bill will win the game?
- 12) Robin had 7 cherry flavored candies and 6 lime flavored. If she grabs one at random what is the probability she will grab either a cherry or a lime flavor?
- 13) Bianca had 10 apples and 7 pears. If she grabs a fruit at random what is the probability she will grab an orange?
- 14) Maria had 3 apples and 3 oranges. If she grabs a fruit at random what is the probability she will grab a pear?
- 15) Emily had 2 comedy movies and 2 action movies. If she picks one at random, what is the probability she will pick a comedy?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____



Use the spinner below to determine if each statement is 'true' or 'false'.



- 1) It is certain the spinner will land on an odd number.
- 2) It is certain the spinner will land on 2.
- 3) It is equally likely for the spinner to land on an even or an odd number.
- 4) It is impossible for the spinner to land on a whole number less than 11.
- 5) The spinner is certain to land on an even or an odd number.
- 6) It is impossible for the spinner to land on an odd number.
- 7) The spinner will certainly land on a whole number less than 11.

Use 'certain', 'impossible' or 'equally likely' to determine the probability of the event occurring.

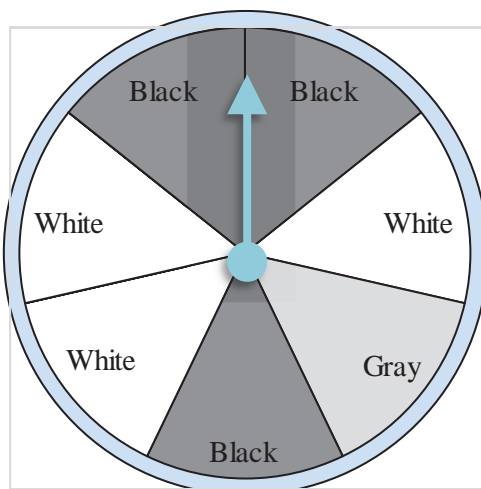
- 8) Olivia had 4 country songs and 2 pop songs on her MP3 player. If she plays a song without looking which one she picks what is the probability she will play a classical song?
- 9) If you had a fair number cube with sides from 1 to 6, what is the probability of rolling a number higher than 0?
- 10) If you had a fair number cube with sides from 1 to 6, what is the probability of rolling an even number?
- 11) Bill and his friend were playing 'Rock, Paper, Scissor'. What is the probability Bill will win the game?
- 12) Robin had 7 cherry flavored candies and 6 lime flavored. If she grabs one at random what is the probability she will grab either a cherry or a lime flavor?
- 13) Bianca had 10 apples and 7 pears. If she grabs a fruit at random what is the probability she will grab an orange?
- 14) Maria had 3 apples and 3 oranges. If she grabs a fruit at random what is the probability she will grab a pear?
- 15) Emily had 2 comedy movies and 2 action movies. If she picks one at random, what is the probability she will pick a comedy?

Answers

1. **False**
2. **False**
3. **True**
4. **False**
5. **True**
6. **False**
7. **True**
8. **Impossible**
9. **Certain**
10. **Equally Likely**
11. **Equally Likely**
12. **Certain**
13. **Impossible**
14. **Equally Likely**
15. **Equally Likely**



Use the spinner below to determine if each statement is 'true' or 'false'.



- 1) It is equally likely for the spinner to land on either a gray or a black section.
- 2) It is equally likely for the spinner to land on either a gray or a white section.
- 3) It is impossible for the spinner to land on a blue section.
- 4) It is equally likely for the spinner to land on either a black or a white section.
- 5) The spinner will certainly land on a black section.
- 6) It is impossible for the spinner to land on a black section.
- 7) It is equally likely for the spinner to land on either a gray or a black section.

Use 'certain', 'impossible' or 'equally likely' to determine the probability of the event occurring.

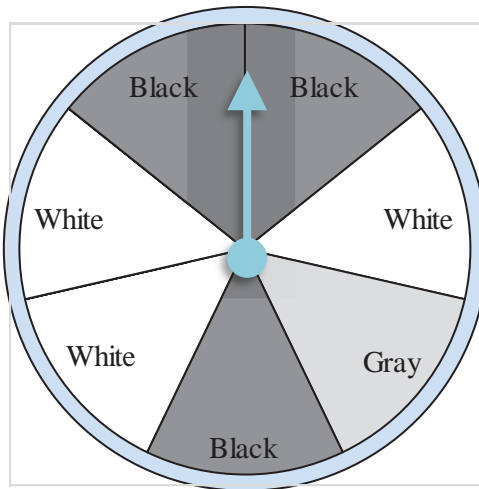
- 8) Sam had 8 yellow pencils and 8 white pencils. If he grabs one at random what is the probability he will grab a yellow pencil?
- 9) If you had a fair number cube with sides from 1 to 6, what is the probability of rolling a number higher than 0?
- 10) Adam had 9 spoons and 8 forks in his silverware drawer. If he grabs one without looking, what is the probability he will grab either a spoon or a fork?
- 11) If you had a fair number cube with sides from 1 to 6, what is the probability of rolling an even number?
- 12) If you had a fair number cube with sides from 1 to 6, what is the probability of rolling a 7?
- 13) Devin had 8 red pencils and 10 green pencils. If he grabs one at random what is the probability he will grab either a red or green pencil?
- 14) Vanessa had 2 comedy books and 2 sci-fi books. If she picks one to read without looking what is the probability she will select a comedy book?
- 15) A donut shop had 9 glazed donuts and 2 chocolate donuts. If Debby picks one at random what is the probability of her selecting a powdered donut?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____



Use the spinner below to determine if each statement is 'true' or 'false'.



- 1) It is equally likely for the spinner to land on either a gray or a black section.
- 2) It is equally likely for the spinner to land on either a gray or a white section.
- 3) It is impossible for the spinner to land on a blue section.
- 4) It is equally likely for the spinner to land on either a black or a white section.
- 5) The spinner will certainly land on a black section.
- 6) It is impossible for the spinner to land on a black section.
- 7) It is equally likely for the spinner to land on either a gray or a black section.

Use 'certain', 'impossible' or 'equally likely' to determine the probability of the event occurring.

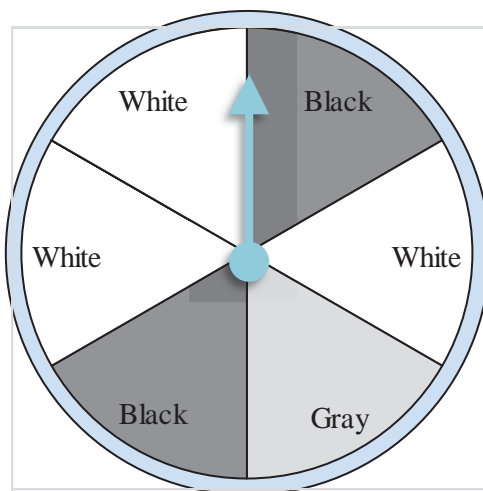
- 8) Sam had 8 yellow pencils and 8 white pencils. If he grabs one at random what is the probability he will grab a yellow pencil?
- 9) If you had a fair number cube with sides from 1 to 6, what is the probability of rolling a number higher than 0?
- 10) Adam had 9 spoons and 8 forks in his silverware drawer. If he grabs one without looking, what is the probability he will grab either a spoon or a fork?
- 11) If you had a fair number cube with sides from 1 to 6, what is the probability of rolling an even number?
- 12) If you had a fair number cube with sides from 1 to 6, what is the probability of rolling a 7?
- 13) Devin had 8 red pencils and 10 green pencils. If he grabs one at random what is the probability he will grab either a red or green pencil?
- 14) Vanessa had 2 comedy books and 2 sci-fi books. If she picks one to read without looking what is the probability she will select a comedy book?
- 15) A donut shop had 9 glazed donuts and 2 chocolate donuts. If Debby picks one at random what is the probability of her selecting a powdered donut?

Answers

1. **False**
2. **False**
3. **True**
4. **True**
5. **False**
6. **False**
7. **True**
8. **Equally Likely**
9. **Certain**
10. **Certain**
11. **Equally Likely**
12. **Impossible**
13. **Certain**
14. **Equally Likely**
15. **Impossible**



Use the spinner below to determine if each statement is 'true' or 'false'.



- 1) The spinner is certain to land on either a black, white or gray section.
- 2) The spinner will certainly land on a white section.
- 3) It is equally likely for the spinner to land on either a gray or a white section.
- 4) It is impossible for the spinner to land on a black section.
- 5) It is equally likely for the spinner to land on either a gray or a black section.
- 6) It is equally likely for the spinner to land on either a black or a white section.
- 7) It is equally likely for the spinner to land on either a gray or a black section.

Use 'certain', 'impossible' or 'equally likely' to determine the probability of the event occurring.

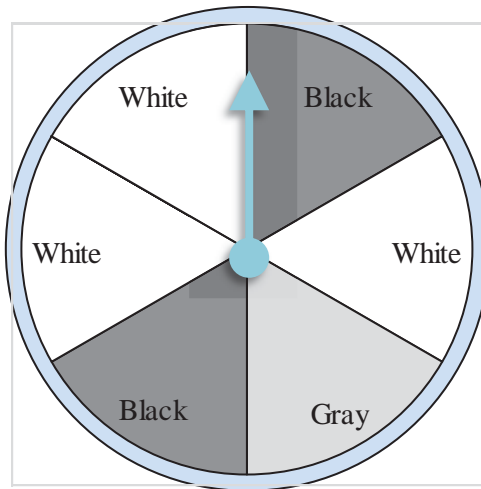
- 8) Victor had 5 spoons and 10 forks in his silverware drawer. If he grabs one without looking, what is the probability he will grab either a spoon or a fork?
- 9) Ned had 7 cans of grape soda and 7 cans of orange soda. If he picks one at random, what is the probability he will pick a lime soda?
- 10) Debby had 10 cherry flavored candies and 4 lime flavored. If she grabs one at random what is the probability she will grab either a cherry or a lime flavor?
- 11) Kaleb had 3 red pens and 3 blue pins. If he picks one at random, what is the probability he will pick a red pen?
- 12) Terra had 8 apples and 3 pears. If she grabs a fruit at random what is the probability she will grab an orange?
- 13) Ed had 10 blue cereal bowls and 3 green cereal bowls. If he grabs a bowl without looking what is the probability it will be either a blue or green bowl?
- 14) Devin had 4 yellow pencils and 4 white pencils. If he grabs one at random what is the probability he will grab a yellow pencil?
- 15) A classroom had 4 boys and 8 girls in it. If the teacher called on someone what is the probability she would selected either a boy or a girl?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____



Use the spinner below to determine if each statement is 'true' or 'false'.



- 1) The spinner is certain to land on either a black, white or gray section.
- 2) The spinner will certainly land on a white section.
- 3) It is equally likely for the spinner to land on either a gray or a white section.
- 4) It is impossible for the spinner to land on a black section.
- 5) It is equally likely for the spinner to land on either a gray or a black section.
- 6) It is equally likely for the spinner to land on either a black or a white section.
- 7) It is equally likely for the spinner to land on either a gray or a black section.

Use 'certain', 'impossible' or 'equally likely' to determine the probability of the event occurring.

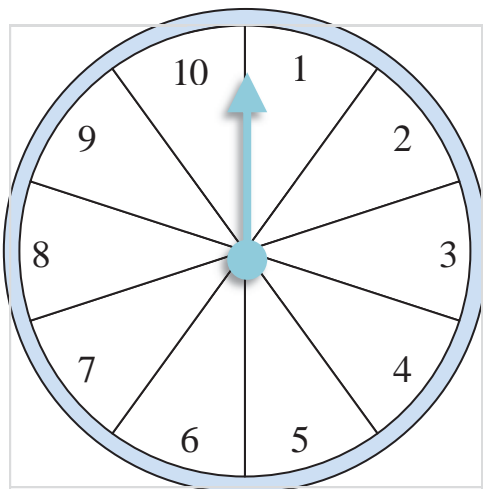
- 8) Victor had 5 spoons and 10 forks in his silverware drawer. If he grabs one without looking, what is the probability he will grab either a spoon or a fork?
- 9) Ned had 7 cans of grape soda and 7 cans of orange soda. If he picks one at random, what is the probability he will pick a lime soda?
- 10) Debby had 10 cherry flavored candies and 4 lime flavored. If she grabs one at random what is the probability she will grab either a cherry or a lime flavor?
- 11) Kaleb had 3 red pens and 3 blue pins. If he picks one at random, what is the probability he will pick a red pen?
- 12) Terra had 8 apples and 3 pears. If she grabs a fruit at random what is the probability she will grab an orange?
- 13) Ed had 10 blue cereal bowls and 3 green cereal bowls. If he grabs a bowl without looking what is the probability it will be either a blue or green bowl?
- 14) Devin had 4 yellow pencils and 4 white pencils. If he grabs one at random what is the probability he will grab a yellow pencil?
- 15) A classroom had 4 boys and 8 girls in it. If the teacher called on someone what is the probability she would selected either a boy or a girl?

Answers

1. **True**
2. **False**
3. **False**
4. **False**
5. **False**
6. **False**
7. **False**
8. **Certain**
9. **Impossible**
10. **Certain**
11. **Equally Likely**
12. **Impossible**
13. **Certain**
14. **Equally Likely**
15. **Certain**



Use the spinner below to determine if each statement is 'true' or 'false'.



- 1) The spinner will certainly land on a whole number less than 11.
- 2) It is certain the spinner will land on an odd number.
- 3) It is equally likely for the spinner to land on an even or an odd number.
- 4) It is impossible for the spinner to land on an odd number.
- 5) It is impossible for the spinner to land on a whole number larger than 10.
- 6) It is impossible for the spinner to land on a whole number less than 11.
- 7) The spinner is certain to land on an even or an odd number.

Use 'certain', 'impossible' or 'equally likely' to determine the probability of the event occurring.

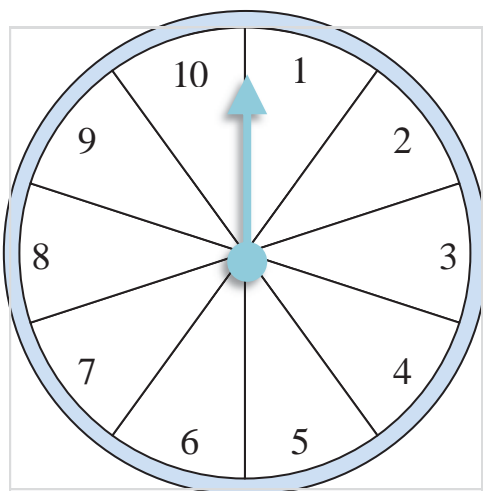
- 8) The gym had 7 basketballs and 3 soccer balls. If Xavier picked a ball without looking what is the probability he will get a volleyball?
- 9) Mike had 3 cans of grape soda and 3 cans of orange soda. If he picks one at random, what is the probability he will pick a lime soda?
- 10) Olivia had 6 apples and 6 oranges. If she grabs a fruit at random what is the probability she will grab a pear?
- 11) If you had a fair number cube with sides from 1 to 6, what is the probability of rolling a number higher than 0?
- 12) A donut shop had 2 glazed donuts and 8 chocolate donuts. If Bianca picks one at random what is the probability of her selecting a powdered donut?
- 13) Wendy had 4 country songs and 9 pop songs on her MP3 player. If she plays a song without looking which one she picks what is the probability she will play a
- 14) Nancy had 4 cherry flavored candies and 2 lime flavored. If she grabs one at random what is the probability she will grab either a cherry or a lime flavor?
- 15) Jeff had 2 pieces of chocolate candy and 2 pieces of caramel. If he picks one at random, what is the probability he will pick a chocolate piece?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____



Use the spinner below to determine if each statement is 'true' or 'false'.



- 1) The spinner will certainly land on a whole number less than 11.
- 2) It is certain the spinner will land on an odd number.
- 3) It is equally likely for the spinner to land on an even or an odd number.
- 4) It is impossible for the spinner to land on an odd number.
- 5) It is impossible for the spinner to land on a whole number larger than 10.
- 6) It is impossible for the spinner to land on a whole number less than 11.
- 7) The spinner is certain to land on an even or an odd number.

Use 'certain', 'impossible' or 'equally likely' to determine the probability of the event occurring.

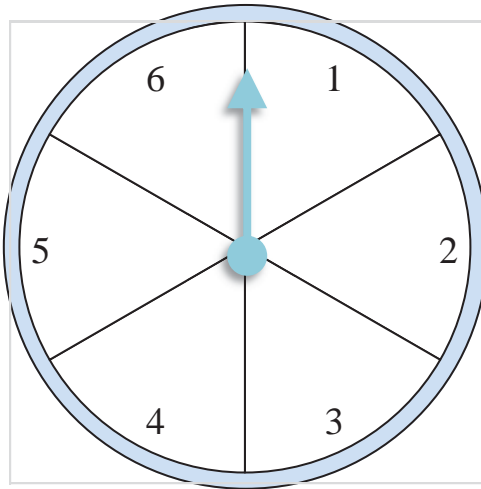
- 8) The gym had 7 basketballs and 3 soccer balls. If Xavier picked a ball without looking what is the probability he will get a volleyball?
- 9) Mike had 3 cans of grape soda and 3 cans of orange soda. If he picks one at random, what is the probability he will pick a lime soda?
- 10) Olivia had 6 apples and 6 oranges. If she grabs a fruit at random what is the probability she will grab a pear?
- 11) If you had a fair number cube with sides from 1 to 6, what is the probability of rolling a number higher than 0?
- 12) A donut shop had 2 glazed donuts and 8 chocolate donuts. If Bianca picks one at random what is the probability of her selecting a powdered donut?
- 13) Wendy had 4 country songs and 9 pop songs on her MP3 player. If she plays a song without looking which one she picks what is the probability she will play a classical song?
- 14) Nancy had 4 cherry flavored candies and 2 lime flavored. If she grabs one at random what is the probability she will grab either a cherry or a lime flavor?
- 15) Jeff had 2 pieces of chocolate candy and 2 pieces of caramel. If he picks one at random, what is the probability he will pick a chocolate piece?

Answers

1. **True**
2. **False**
3. **True**
4. **False**
5. **True**
6. **False**
7. **True**
8. **Impossible**
9. **Impossible**
10. **Equally Likely**
11. **Certain**
12. **Impossible**
13. **Impossible**
14. **Certain**
15. **Equally Likely**



Use the spinner below to determine if each statement is 'true' or 'false'.



- 1) It is impossible for the spinner to land on a whole number larger than 6.
- 2) It is certain the spinner will land on a whole number larger than 0.
- 3) It is impossible for the spinner to land on an even number.
- 4) The spinner is certain to land on an even or an odd number.
- 5) It is impossible for the spinner to land on a whole number less than 7.
- 6) The spinner will certainly land on a whole number greater than 8.
- 7) It is certain the spinner will land on an odd number.

Use 'certain', 'impossible' or 'equally likely' to determine the probability of the event occurring.

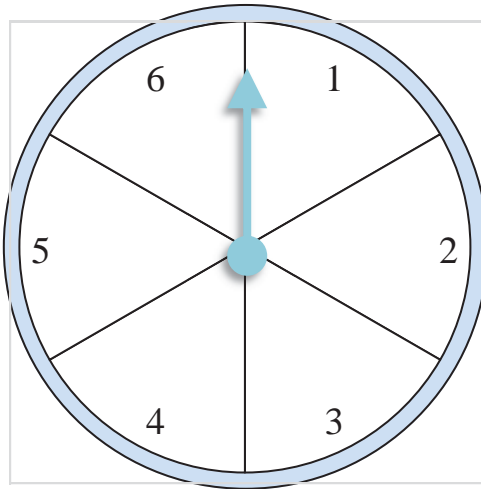
- 8) Bill had 4 red pens and 4 blue pins. If he picks one at random, what is the probability he will pick a red pen?
- 9) Quincy and his friend were playing 'Rock, Paper, Scissor'. What is the probability Quincy will win the game?
- 10) Quincy had 4 white shirts and 4 black shirts. If he picks one without looking, what is the probability he will pick either a white or black shirt?
- 11) Fred had 9 cans of grape soda and 9 cans of orange soda. If he picks one at random, what is the probability he will pick a lime soda?
- 12) Olivia had 2 apples and 2 oranges. If she grabs a fruit at random what is the probability she will grab a pear?
- 13) If you had a fair number cube with sides from 1 to 6, what is the probability of rolling a number higher than 0?
- 14) Katie had 7 large stickers 7 small stickers. If she picks one without looking, what is the probability she will pick a medium sized sticker?
- 15) If you had a fair number cube with sides from 1 to 6, what is the probability of rolling a 7?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____



Use the spinner below to determine if each statement is 'true' or 'false'.



- 1) It is impossible for the spinner to land on a whole number larger than 6.
- 2) It is certain the spinner will land on a whole number larger than 0.
- 3) It is impossible for the spinner to land on an even number.
- 4) The spinner is certain to land on an even or an odd number.
- 5) It is impossible for the spinner to land on a whole number less than 7.
- 6) The spinner will certainly land on a whole number greater than 8.
- 7) It is certain the spinner will land on an odd number.

Use 'certain', 'impossible' or 'equally likely' to determine the probability of the event occurring.

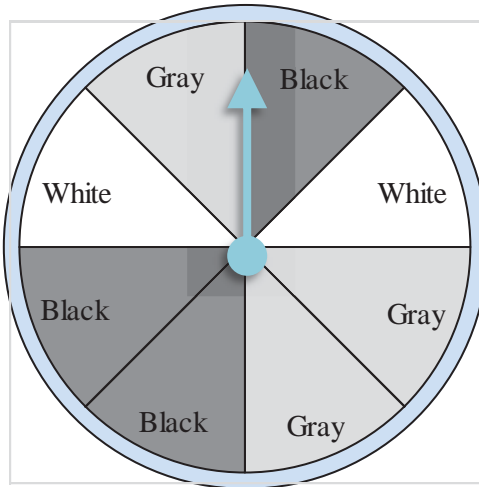
- 8) Bill had 4 red pens and 4 blue pins. If he picks one at random, what is the probability he will pick a red pen?
- 9) Quincy and his friend were playing 'Rock, Paper, Scissor'. What is the probability Quincy will win the game?
- 10) Quincy had 4 white shirts and 4 black shirts. If he picks one without looking, what is the probability he will pick either a white or black shirt?
- 11) Fred had 9 cans of grape soda and 9 cans of orange soda. If he picks one at random, what is the probability he will pick a lime soda?
- 12) Olivia had 2 apples and 2 oranges. If she grabs a fruit at random what is the probability she will grab a pear?
- 13) If you had a fair number cube with sides from 1 to 6, what is the probability of rolling a number higher than 0?
- 14) Katie had 7 large stickers 7 small stickers. If she picks one without looking, what is the probability she will pick a medium sized sticker?
- 15) If you had a fair number cube with sides from 1 to 6, what is the probability of rolling a 7?

Answers

1. **True**
2. **True**
3. **False**
4. **True**
5. **False**
6. **False**
7. **False**
8. **Equally Likely**
9. **Equally Likely**
10. **Certain**
11. **Impossible**
12. **Equally Likely**
13. **Certain**
14. **Impossible**
15. **Impossible**



Use the spinner below to determine if each statement is 'true' or 'false'.



- 1) The spinner will certainly land on a white section.
- 2) It is impossible for the spinner to land on a black section.
- 3) It is equally likely for the spinner to land on either a gray or a white section.
- 4) The spinner is certain to land on either a black, white or gray section.
- 5) It is equally likely for the spinner to land on either a gray or a black section.
- 6) It is certain the spinner will land on either a gray or a white section.
- 7) It is equally likely for the spinner to land on either a gray or a black section.

Use 'certain', 'impossible' or 'equally likely' to determine the probability of the event occurring.

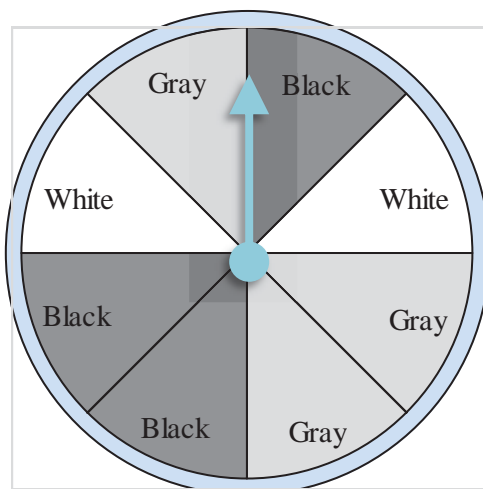
- 8) If you had a fair number cube with sides from 1 to 6, what is the probability of rolling an even number?
- 9) Gary had 3 pieces of chocolate candy and 3 pieces of caramel. If he picks one at random, what is the probability he will pick a chocolate piece?
- 10) Isaac had 8 white shirts and 8 black shirts. If he picks one without looking, what is the probability he will pick either a white or black shirt?
- 11) Debby had 9 apples and 9 oranges. If she grabs a fruit at random what is the probability she will grab a pear?
- 12) If you had a fair number cube with sides from 1 to 6, what is the probability of rolling a 7?
- 13) Megan had 8 apples and 10 pears. If she grabs a fruit at random what is the probability she will grab an orange?
- 14) Isaac and his friend were playing 'Rock, Paper, Scissor'. What is the probability Isaac will win the game?
- 15) A classroom had 5 boys and 3 girls in it. If the teacher called on someone what is the probability she would selected either a boy or a girl?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____



Use the spinner below to determine if each statement is 'true' or 'false'.



- 1) The spinner will certainly land on a white section.
- 2) It is impossible for the spinner to land on a black section.
- 3) It is equally likely for the spinner to land on either a gray or a white section.
- 4) The spinner is certain to land on either a black, white or gray section.
- 5) It is equally likely for the spinner to land on either a gray or a black section.
- 6) It is certain the spinner will land on either a gray or a white section.
- 7) It is equally likely for the spinner to land on either a gray or a black section.

Use 'certain', 'impossible' or 'equally likely' to determine the probability of the event occurring.

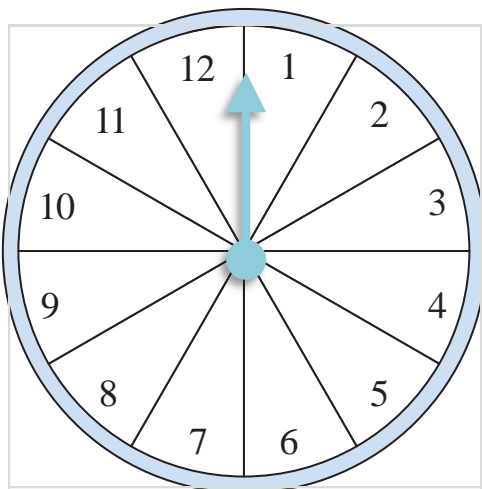
- 8) If you had a fair number cube with sides from 1 to 6, what is the probability of rolling an even number?
- 9) Gary had 3 pieces of chocolate candy and 3 pieces of caramel. If he picks one at random, what is the probability he will pick a chocolate piece?
- 10) Isaac had 8 white shirts and 8 black shirts. If he picks one without looking, what is the probability he will pick either a white or black shirt?
- 11) Debby had 9 apples and 9 oranges. If she grabs a fruit at random what is the probability she will grab a pear?
- 12) If you had a fair number cube with sides from 1 to 6, what is the probability of rolling a 7?
- 13) Megan had 8 apples and 10 pears. If she grabs a fruit at random what is the probability she will grab an orange?
- 14) Isaac and his friend were playing 'Rock, Paper, Scissor'. What is the probability Isaac will win the game?
- 15) A classroom had 5 boys and 3 girls in it. If the teacher called on someone what is the probability she would selected either a boy or a girl?

Answers

1. **False**
2. **False**
3. **False**
4. **True**
5. **False**
6. **False**
7. **True**
8. **Equally Likely**
9. **Equally Likely**
10. **Certain**
11. **Equally Likely**
12. **Impossible**
13. **Impossible**
14. **Equally Likely**
15. **Certain**



Use the spinner below to determine if each statement is 'true' or 'false'.



- 1) It is impossible for the spinner to land on a whole number less than 13.
- 2) The spinner will certainly land on a whole number less than 13.
- 3) It is certain the spinner will land on a whole number larger than 0.
- 4) It is certain the spinner will land on 6.
- 5) The spinner is certain to land on an even or an odd number.
- 6) It is impossible for the spinner to land on a whole number larger than 12.
- 7) It is equally likely for the spinner to land on an even or an odd number.

Use 'certain', 'impossible' or 'equally likely' to determine the probability of the event occurring.

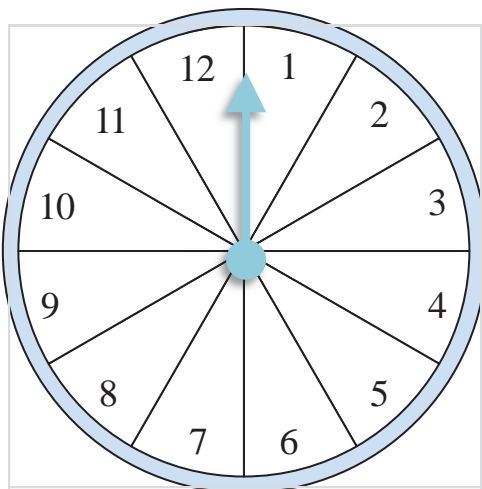
- 8) The gym had 10 basketballs and 9 soccer balls. If Quincy picked a ball without looking what is the probability he will get a volleyball?
- 9) Bianca had 8 sports video games and 8 adventure video games. If she picks one at random, what is the probability she will pick a sports game?
- 10) Xavier had 3 blue cereal bowls and 6 green cereal bowls. If he grabs a bowl without looking what is the probability it will be either a blue or green bowl?
- 11) Fred had 10 cans of grape soda and 10 cans of orange soda. If he picks one at random, what is the probability he will pick a lime soda?
- 12) Isaac had 3 pieces of chocolate candy and 3 pieces of caramel. If he picks one at random, what is the probability he will pick a chocolate piece?
- 13) Megan had 7 comedy books and 7 sci-fi books. If she picks one to read without looking what is the probability she will select a comedy book?
- 14) Ed had 8 red pens and 8 blue pins. If he picks one at random, what is the probability he will pick a red pen?
- 15) Lana had 7 large stickers 7 small stickers. If she picks one without looking, what is the probability she will pick a medium sized sticker?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____



Use the spinner below to determine if each statement is 'true' or 'false'.



- 1) It is impossible for the spinner to land on a whole number less than 13.
- 2) The spinner will certainly land on a whole number less than 13.
- 3) It is certain the spinner will land on a whole number larger than 0.
- 4) It is certain the spinner will land on 6.
- 5) The spinner is certain to land on an even or an odd number.
- 6) It is impossible for the spinner to land on a whole number larger than 12.
- 7) It is equally likely for the spinner to land on an even or an odd number.

Use 'certain', 'impossible' or 'equally likely' to determine the probability of the event occurring.

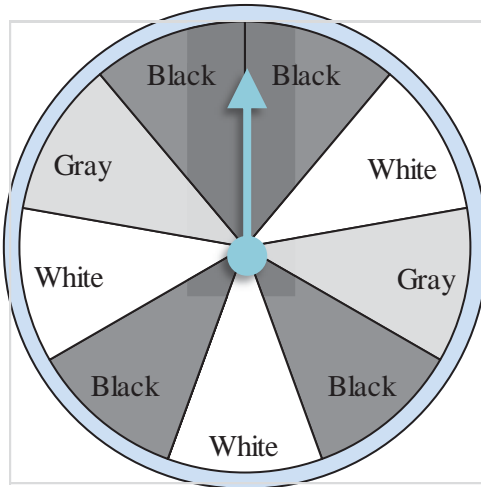
- 8) The gym had 10 basketballs and 9 soccer balls. If Quincy picked a ball without looking what is the probability he will get a volleyball?
- 9) Bianca had 8 sports video games and 8 adventure video games. If she picks one at random, what is the probability she will pick a sports game?
- 10) Xavier had 3 blue cereal bowls and 6 green cereal bowls. If he grabs a bowl without looking what is the probability it will be either a blue or green bowl?
- 11) Fred had 10 cans of grape soda and 10 cans of orange soda. If he picks one at random, what is the probability he will pick a lime soda?
- 12) Isaac had 3 pieces of chocolate candy and 3 pieces of caramel. If he picks one at random, what is the probability he will pick a chocolate piece?
- 13) Megan had 7 comedy books and 7 sci-fi books. If she picks one to read without looking what is the probability she will select a comedy book?
- 14) Ed had 8 red pens and 8 blue pins. If he picks one at random, what is the probability he will pick a red pen?
- 15) Lana had 7 large stickers 7 small stickers. If she picks one without looking, what is the probability she will pick a medium sized sticker?

Answers

1. **False**
2. **True**
3. **True**
4. **False**
5. **True**
6. **True**
7. **True**
8. **Impossible**
9. **Equally Likely**
10. **Certain**
11. **Impossible**
12. **Equally Likely**
13. **Equally Likely**
14. **Equally Likely**
15. **Impossible**



Use the spinner below to determine if each statement is ‘true’ or ‘false’.



- 1) It is equally likely for the spinner to land on either a black or a white section.
- 2) It is impossible for the spinner to land on a black section.
- 3) The spinner will certainly land on a gray section.
- 4) It is certain the spinner will land on either a gray or a white section.
- 5) The spinner is certain to land on either a black, white or gray section.
- 6) It is equally likely for the spinner to land on either a gray or a white section.
- 7) It is equally likely for the spinner to land on either a gray or a black section.

Use ‘certain’, ‘impossible’ or ‘equally likely’ to determine the probability of the event occurring.

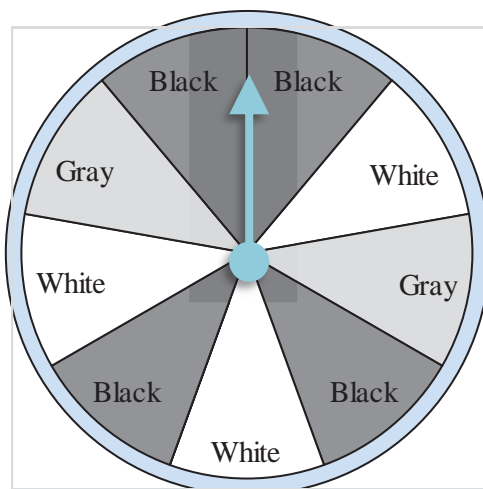
- 8) Tom had 10 yellow pencils and 10 white pencils. If he grabs one at random what is the probability he will grab a yellow pencil?
- 9) Zoe had 6 apples and 8 pears. If she grabs a fruit at random what is the probability she will grab an orange?
- 10) Gary had 3 blue cereal bowls and 6 green cereal bowls. If he grabs a bowl without looking what is the probability it will be either a blue or green bowl?
- 11) If you had a fair number cube with sides from 1 to 6, what is the probability of rolling a number higher than 0?
- 12) Katie had 3 comedy books and 3 sci-fi books. If she picks one to read without looking what is the probability she will select a comedy book?
- 13) Emily had 7 country songs and 3 pop songs on her MP3 player. If she plays a song without looking which one she picks what is the probability she will play a
- 14) Roger had 5 red pens and 5 blue pins. If he picks one at random, what is the probability he will pick a red pen?
- 15) Isaac had 6 white shirts and 6 black shirts. If he picks one without looking, what is the probability he will pick either a white or black shirt?

Answers

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 8. _____
- 9. _____
- 10. _____
- 11. _____
- 12. _____
- 13. _____
- 14. _____
- 15. _____



Use the spinner below to determine if each statement is 'true' or 'false'.



- 1) It is equally likely for the spinner to land on either a black or a white section.
- 2) It is impossible for the spinner to land on a black section.
- 3) The spinner will certainly land on a gray section.
- 4) It is certain the spinner will land on either a gray or a white section.
- 5) The spinner is certain to land on either a black, white or gray section.
- 6) It is equally likely for the spinner to land on either a gray or a white section.
- 7) It is equally likely for the spinner to land on either a gray or a black section.

Use 'certain', 'impossible' or 'equally likely' to determine the probability of the event occurring.

- 8) Tom had 10 yellow pencils and 10 white pencils. If he grabs one at random what is the probability he will grab a yellow pencil?
- 9) Zoe had 6 apples and 8 pears. If she grabs a fruit at random what is the probability she will grab an orange?
- 10) Gary had 3 blue cereal bowls and 6 green cereal bowls. If he grabs a bowl without looking what is the probability it will be either a blue or green bowl?
- 11) If you had a fair number cube with sides from 1 to 6, what is the probability of rolling a number higher than 0?
- 12) Katie had 3 comedy books and 3 sci-fi books. If she picks one to read without looking what is the probability she will select a comedy book?
- 13) Emily had 7 country songs and 3 pop songs on her MP3 player. If she plays a song without looking which one she picks what is the probability she will play a classical song?
- 14) Roger had 5 red pens and 5 blue pins. If he picks one at random, what is the probability he will pick a red pen?
- 15) Isaac had 6 white shirts and 6 black shirts. If he picks one without looking, what is the probability he will pick either a white or black shirt?

Answers

1. **False**
2. **False**
3. **False**
4. **False**
5. **True**
6. **False**
7. **True**
8. **Equally Likely**
9. **Impossible**
10. **Certain**
11. **Certain**
12. **Equally Likely**
13. **Impossible**
14. **Equally Likely**
15. **Certain**